

ThinkPad X1 Yoga (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 / i7 Processor								Smart card reader		None		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader Ports	Micro SD, supports UHS-II SD card Three USB 3.1 Gen 1 (USB 3.0, one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (support data, video, and power delivery), HDMI 1.4b, Ethernet extension connector, combo audio / microphone jack			
	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620	WiGig dock (opt) Monitor Cable (optional)	ThinkPad WiGig dock HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter			
	i5-7300U			2.6 GHz	3.5 GHz	3MB							
	i7-7500U			2.7 GHz	3.5 GHz	4MB							
i7-7600U	2.8 GHz			3.9 GHz	4MB								
Graphics	Intel HD Graphics 620 in processor only, supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)								Camera (optional)	720p: HD720p resolution, fixed focus IR & 720p: IR camera and HD720p camera (Narrow Bezel FHD panels only)			
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack			
Memory	8GB or 16GB max / 1866MHz LPDDR3 / soldered to systemboard, no sockets								Keyboard	6-row wave keyboard (rise & fall), spill-resistant, multimedia Fn keys, LED backlit			
Display	Some:	14.0" (355mm) FHD (1920x1080), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS								UltraNav™	TrackPoint® pointing device and 3+2 buttons multi-touch clickpad		
		14.0" (355mm) Narrow Bezel FHD (1920x1080), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS								Security	Power-on password, hard disk password, supervisor password, security keyhole		
		14.0" (355mm) WQHD (2560x1440), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS								Security chip	Discrete TPM 2.0 TCG Certified		
		14.0" (355mm) WQHD (2560x1440), glossy, OLED, 300 nits, 16:9 aspect ratio, 54000:1 contrast ratio, 100% gamut, 176° viewing angle								vPro (optional)	Intel vPro Technology		
		14.0" (355mm) WQHD (2560x1440), glossy, OLED, 300 nits, 16:9 aspect ratio, 54000:1 contrast ratio, 100% gamut, 176° viewing angle								Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest		
Multi-touch	LED panel: Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture								NFC (optional)	Near Field Communication			
Hinge	OLED panel: OCTA, AS (anti-smudge), supports 10-finger gesture								Battery type	Li-Polymer 4-cell (56Wh)			
Convert-mode	Yoga hinge, 360 degree								Battery life	MobileMark® 2014: 15.5 hr * Battery life varies significantly with settings, usage, & other factors			
Pen (optional)	ThinkPad Pen Pro, active pen for multi-touch display								AC adapter	45W or 65W USB Type-C AC adapter			
Storage	Some:	M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)								RapidCharge	AC adapter	45W USB-C	65W USB-C
Optical		None	M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)								Charge to 80%	Not support	1.0 hr
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Cable								Charge to 100%		Not support	2.8 hr	
WLAN	One of the following, configurable by model (WiGig is mutually exclusive with WWAN): • Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2, 802.11ac + BT4.1, M.2 Card • Intel Tri-Band Wireless-AC 18265, WiGig™ 802.11ad + Wi-Fi 2x2, 802.11ac + BT4.1, M.2 Card *WiGig adapter is only available in selected countries*								Light sensor	Ambient Light Sensor			
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS								G-sensor	3D accelerometer and 3D magnetometer			
WWAN (optional)	Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)								Compass	3D compass			
SIM card	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card								Gyroscope	3D gyrometer			
Dimensions	LED model: 13.11" x 9.02" x 0.67" (WxDxH); 333mm x 229mm x 17.05mm OLED model: 13.11" x 9.02" x 0.69" (WxDxH); 333mm x 229mm x 17.4mm Starting at 2.99 lb (1.36kg) for OLED model; 3.13 lb (1.42kg) for other model								Preload	Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Companion • Lenovo Settings • Microsoft Office preloaded; purchase a product key to activate			
Weight	Black or silver								Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service			
Case color	Display cover: Carbon-Fiber Hybrid; Bottom: magnesium-PPS hybrid								Mil-Spec test	MIL-STD-810G military certification			
Case material									Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant			